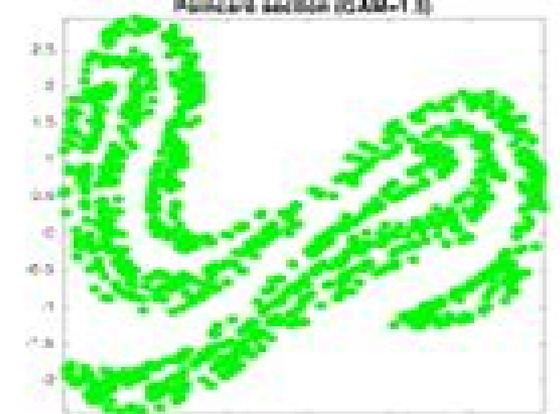
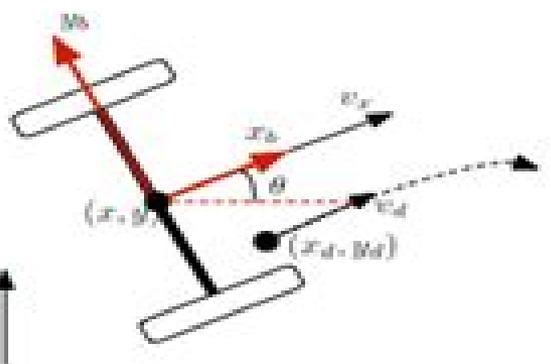


Figure 1. Mechanical interpretation of Duffing oscillator.



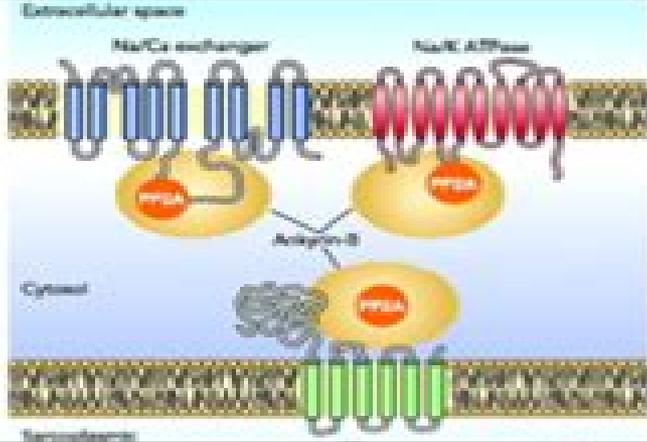
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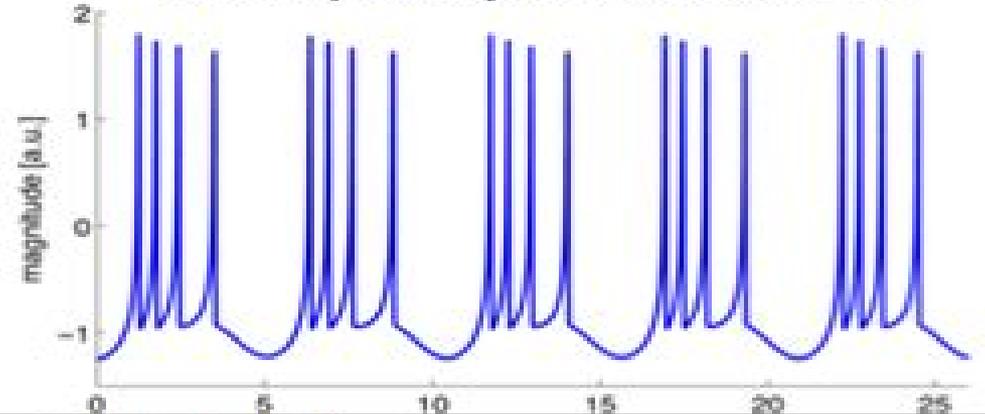
$$\begin{aligned} \dot{x} &= v_x \cos \theta \\ \dot{y} &= v_x \sin \theta \\ \dot{\theta} &= \omega \\ \dot{v}_x &= F \\ \dot{\omega} &= T \end{aligned}$$



## Nonholonomic Systems



Burst and spike activity of Hindmarsh-Rose neuron



## Bursting in Biological Systems

# Theory Of Nonlinear Control Systems

**Sabine Zange**

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web die fotografie mit dem makroobjektiv isoliert das motiv bis zu einem gewissen grad ohne es völlig aus dem zusammenhang zu reißen das kann nützlich sein um die aufmerksamkeit auf eine reihe interessanter oder neuer details zu lenken

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web dafür gibt es verschiedene techniken welche ich unter den tipps näher erläutern werde bei nahaufnahmen ist es allerdings meist relativ einfach ein motiv halbwegs freizustellen die makrofotografie ist allerdings auch kein so leicht umzusetzender fachbereich der fotografie je näher man an ein fotomotiv herangeht umso geringer wird die

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